

Title (en)  
SUBSEA ASSEMBLY

Title (de)  
UNTERWASSERBAUGRUPPE

Title (fr)  
ENSEMBLE SOUS-MARIN

Publication  
**EP 2205824 A2 20100714 (EN)**

Application  
**EP 08844526 A 20081029**

Priority  
• GB 2008003681 W 20081029  
• GB 0721352 A 20071031

Abstract (en)  
[origin: WO2009056840A2] A subsea assembly (11) comprises a valve assembly (12) and a winch assembly (8) mounted relative to the valve assembly (12). The valve assembly (12) comprises: a valve block (22) defining a throughbore (24); a valve member (26) mounted within the valve block (22) and adapted to be moved between open and closed positions to selectively provide a fluid barrier within the throughbore (24); and first and second valve stems (29, 31) extending from respective sides of the valve member (26) and through a side wall of the valve block (22), each valve stem (29, 31) including a sealing region in fluid communication with the throughbore (24), wherein a cross sectional area of the sealing region of the first valve stem (29) is substantially equal to the cross-sectional area of the sealing region of the second valve stem (31). The winch assembly (8) comprises a winch chamber (9) in fluid communication with the throughbore (24) of the valve block (22), wherein the winch assembly (8) comprises a winch drum (15) carrying a spoolable member (17) adapted to extend through the throughbore (24) of the valve block (22).

IPC 8 full level  
**E21B 34/04** (2006.01); **E21B 33/035** (2006.01)

CPC (source: EP US)  
**E21B 33/062** (2013.01 - EP US); **E21B 33/064** (2013.01 - EP US); **E21B 33/076** (2013.01 - EP US); **E21B 34/04** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009056840A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**WO 2009056840 A2 20090507**; **WO 2009056840 A3 20110106**; BR PI0817899 A2 20150331; BR PI0817899 A8 20160119; CA 2704476 A1 20090507; EP 2205824 A2 20100714; GB 0721352 D0 20071212; US 2011061854 A1 20110317

DOCDB simple family (application)  
**GB 2008003681 W 20081029**; BR PI0817899 A 20081029; CA 2704476 A 20081029; EP 08844526 A 20081029; GB 0721352 A 20071031; US 74018608 A 20081029